

L 34507-66 T JK
ACC NR: AP6024753

SOURCE CODE: BU/0011/65/018/010/0959/0962

AUTHOR: Shkenderov, S.; Zlatev, V.; Zhelova, M.

ORG: Research Institute for State Control of Medical Preparations

TITLE: Effect of repeated lyophilization in three protective media on the viability
and properties of Staph. aureus 209

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 959-962

TOPIC TAGS: freeze drying, oxygen consumption, bacteriology, bacterial antigen,
immunology, bacteria

ABSTRACT: The process of freeze drying of the microorganisms is accompanied by a
number of changes in their cultural, biochemical, antigenic, and immunologic proper-
ties (see, e.g., A. German et al., Ann pharm. franc., 19, 1961, 5). It is necessary
to combine certain conditions in order to reduce these changes. A peculiar role in
these conditions is played by the protective medium in which the microorganisms are
suspended during the lyophilization. The authors compared the effect of lyophiliza-
tion on certain biochemical and biological properties of Staph. aureus 209 suspended
in three protective media. The changes studied occurred in the strain in the process
of repeated lyophilization with rehydration between the stages and without interme-
diate cultivation. The protective media used were: skimmed cow's milk with eutectic
point-19°C, the Blankov-Subotina medium (5% sodium glutamate and 5% dextrane) with

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0915 2587

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eutectic point -21°C. Results presented in the form of comprehensive tables show that cells which have survived repeated lyophilization are more resistant to storage in a dried state. Other data point to increased oxygen consumption in the process of lyophilization. There are no antigenic changes in the strain after lyophilization. This paper was presented by Corresponding Member BAN A. Toshkov on 1 July 1965.

Orig. art. in Eng. [JPR: 34,903]

Orig. art. has: 2 figures and 2 tables.
SUB CODE: 06 / SUEM DATE: none / SOV REF: 006 / OTH REF: 013

Card 2/2 MJS

SHKEPASTE, V.P. (Riga)

Dentomaxillary apparatus in diabetes mellitus. [with summary in English]. Probl.endok. i gorm. 4 no.1:95-99 Ja-F'58 (MIRA 11:5)

1. Iz kafedry terapevticheskoy stomatologii (zav. - prof. Ye.Ye. Platonov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dotsent G.N. Beletskiy) i Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.A. Vasyukova).

(DIABETES MELLITUS, complications,
mouth dis. (Rus))

(MOUTH, diseases,
in diabetes mellitus (Rus))

USSR/Human and Animal Physiology - Endocrine Glands.

T-9

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32053

Author : Shkepaste, V.P.

Inst :
Title : Condition of the Alveolar Process in Patients with Sugar
Diabetes in Roentgenographic Picture.

Orig Pub : Zinatnisko rakstu krajums. Riga med. inst., Sb. nauchn.
rabit Rizhsk. med. in-ta, 1956, vyp. 5, 253-258.

Abstract : During observation of 148 patients with diabetes (D),
gingivitis (G) was found in 90%, complicated in serious
cases by loosening of teeth. Roentgenological observation
of 68 patients with D showed that G is accompanied by
resorption of bony tissue (RET) of the alveolar process.
A connection is established between the seriousness of G
and the degree of RET; the most serious and characteris-
tic is the infundibuliform type of RET. The character of
RET during D differs from RET during prediabetic G and
alveolar pyorrhea.

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- 91 -

SHKERBELLIS, F. E.

SHKERBELLIS, F. E.: "Creeping of bent reinforced-concrete parts under protracted static and vibrating loads." Min Higher Education USSR.
Latvian State U. Riga, 1956
(Dissertation for the Degree of Candidate in Technical Sciences)

So: Knizhnaya Letopis', No 17, 1956

SHKERBELIS, K. K.

124-11-13429

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 158 (USSR)

AUTHOR: Shkerbelis, K. K.

TITLE: The Effect of Vibration on the Creep of Reinforced Concrete Structures.
(Vliyanie vibratsiy na pol'zuchest' zhelez obetonnnykh konstrukziy.)

PERIODICAL: V sb.: Vopr. dinamiki i dinam. prochnosti. Nr 4, Riga,
A. N. LatvSSR, 1956, 27-29.

ABSTRACT: The Author describes his tests which establish: (1) For simultaneous action of static and vibrational loads on reinforced-concrete structures, the principle of additive superposition is not applicable for the determination of creep deformation; (2) Vibrations can enlarge creep deformation substantially.

It is proposed that the effect of the vibrational co-action can be approximately expressed by a vibro-creep coefficient which is linearly related to the amplitude and frequency of the vibration.

N. P. Kashparova

Card 1/1

SHKERBELIS, K. K.

124-1957-10-12132

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 130 (USSR)

AUTHOR: Shkerbelis, K. K.

TITLE: Design of Statically Indeterminate Reinforced Concrete Structures Under Prolonged Constant Loads (Raschet staticheski neopredelennykh zhelezobetonnykh konstruktsiy pri dlitel'no deystvuyushchikh postoyannykh nagruzkakh)

PERIODICAL: V sb.: Issledovaniya po betonu i zhelezobetonu. Nr 1. Riga,
AN LatvSSR, 1956, pp 77-93

ABSTRACT: Examination of a simplified method for estimating the changes in the values of supplementary unknowns. In using the force method, the coefficients of the canonic equations are calculated with consideration of the creep in the concrete. On this basis the three-moment equation is computed and the calculations of a continuous beam and a simple truss are examined. A description is given of experiments intended for the determination of the magnitude of an instantaneous and a prolonged modulus of elasticity as well as of the relaxation time. In connection therewith a critique of N and TU 123-55 is offered.

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N. P. Kashparova

SOV/124-58-11-13630

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 233 (USSR)

AUTHORS: Malmeyster, A. K., Shkerbelis, K. K.

TITLE: The Deformation of Concrete Under Combined Loading (Deformatsii betona pri slozhnom nagruzhenii)

PERIODICAL: V sb.: Issled. po betonu i zhelezobetonu. Nr 2. Riga, AN Latv SSR, 1957, pp 127-139

ABSTRACT: A presentation of test data on the simple and combined loading of thin-walled tubular concrete specimens. When compression is applied to tubes which have been and continue to be constantly torque loaded beyond the elastic limit, a characteristic break appears on the $\sigma_i - \epsilon_i$ curve, similar to the yield region. For this particular type of combined loading a comparison is made between the experimental $\sigma_i - \epsilon_i$ curves with the theoretical deductions set forth by A. K. Malmeyster (V sb.: Vopr. dinamiki i dinam. prochnosti. Nr 4. Riga, AN LatvSSR, 1956, pp 37-48; RZhMekh, 1957, Nr 9, abstract 10842) and supplemented relative to its application to concrete (a multicomponent system) by assumptions on the continuous and uniform distribution of the elastic limits and on the equal and finite local plastic

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SOV/124-58-11-13630

The Deformation of Concrete Under Combined Loading
deformations of the separate components.

V. D. Klyushnikov

Card 2/2

Санкт-Петербург, А. А.

SOV/124-58-11-13413

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 210 (USSR)

AUTHOR: Shkerbelis, K.K.

TITLE: The Long-term Stiffness and Cracking Resistance of Flexible Reinforced-concrete Elements (Dlitel'naya zhestkost' i treshchinoustoychivost' izgibayemykh zhelezobetonnykh elementov)

PERIODICAL: V sb.: Issled. po betonu i zhelezobetonu. Nr 2. Riga, AN LatvSSR, 1957, pp 161-176

ABSTRACT: Among the various well-known theories for creep (viz., the theories based on aging, on the elastic-creeping body, and on elastic memory) the present investigation is based on the theory of elastic memory. Solutions are obtained for the determination of the deflection with concrete creep under long-term loads of reinforced-concrete elements having a rectangular cross section and a single reinforcement bar; the reinforced-concrete elements are assumed to be operating in the primary stage (with consideration of the work of the tensile zone in the concrete) and in the secondary stage (without and with partial consideration of the work of the tensile zone in the concrete). The tests revealed a more than doubled increase in the deflections

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SOV/124-58-11-13413

The Long-term Stiffness and Cracking Resistance of Flexible (cont.)

with time, also an increase in the number and width of aperture of the cracks in the tensile zone of the concrete.

I. I. Ulitskiy

Card 2/2

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKERBELIS, K.K. [Skerbelis, K.], kand.tekhn.nauk; KALNAYS, A.A.
[Kalnajs, A.], inzh.; TETERS, G.A., inzh.

Strength and rigidity of reinforced aerated concrete elements.
Bet.i zhel.-bet. no.4:185-189 Ap '60. (MIRA 13:8)
(Latvia--Lightweight concrete)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHKERBELIS, K., [Skerbelis, K.] kand.tekhn.nauk

New means of making waterproof underlayers. Zhil. stroi. no.7:36
Jl '61. (MIRA 14:8)
(Bathrooms) (Concrete)

S/2659/63/010/000/0264/0269

ACCESSION NR: AT4013963

AUTHOR: Gerasimov, A. F.; Ushkova, T. V.; Shkerin, N.

TITLE: X-ray investigation of high-temperature oxidation of niobium-molybdenum-chromium alloys

SOURCE: AN SSSR. Institut metallurgii. Issledovaniya po zharoprovodnym splavam, v. 10, 1963, 264-269

TOPIC TAGS: niobium, molybdenum, chromium, oxidation, niobium oxidation, roentgenography, high temperature oxidation

ABSTRACT: The high rate of niobium oxidation interferes with its use as a structural material. Many investigations have recently been published on high-temperature niobium oxidation. In the present work, alloys containing niobium, molybdenum and chromium, prepared at the Institut metallurgii im. A. A. Baykova (Metallurgical Institute), were oxidized at temperatures between 800°C and 1200°C. In some tests kinetic measurements were made, while in all tests roentgenography was used to determine the content of the oxidized products. The X-rays were taken by the powder method in a standard apparatus, using a flat sample. It was found that the combination of niobium, molybdenum and chromium led to higher resistance against oxidation in the temperature range 800°C to 1200°C. The

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X-ray analysis showed that during the oxidation of triple alloys, a scale of Nb₂O₅ formed on the pure niobium. This oxide appeared in two modifications, α and β , the presence of which leads to an unusually high rate of oxidation of Nb at 800C. Their effect of molybdenum and chromium on the oxidation of niobium is connected with the dissolution in the oxide lattice. Hypotheses are put forward about the mechanism of oxidation of niobium, as well as the oxidation of niobium alloys. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: Institut metallurgii AN SSSR (Institute of Metallurgy AN SSSR)

SUBMITTED: 00

DATE ACQ: 27Feb64

ENCL: 00

SUB CODE: MM

NO REF SOV: 003

OTHER: 006

Card 2/2

L 01483-66 ENT'd)/EPA(s)-2/ENT(m)/EWP(w)/EPF(n)-2/EWP(v)/T-2/EWP(t)/EWP(k)/
EWP(b)/EMA(h)/ETC(m) EM/JD/WN/JG

ACCESSION NR: AP5016657

UR/0382/65/000/002/0092/0100
621.689 : 538.462
60
BAUTHOR: Mikel'son, A. E.; Saulite, U. A.; Shkerstena, A. Ya.

TITLE: Investigation of cylindrical coreless pumps

SOURCE: Magnitnaya gidrodinamika, no. 2, 1965, 92-100

TOPIC TAGS: MHD flow, liquid metal pump, electromagnetic pump

ABSTRACT: A cylindrical pump of the coreless type is studied theoretically and experimentally. It consists of finite induction coils and an infinite conducting cylinder concentric to the coils. The inductor coils of negligible thickness produce a traveling magnetic field which is derived from Maxwell's equations (with the help of vector potentials) and depends on the phases of each of the three solenoids forming the inductor. Some computational shortcuts are indicated. The analysis of the results shows that inside of the cylindrical coreless pump, when it operates in the static region, there is relatively intense internal circulation of the metal. The experimental data agrees well with calculations and the method is suitable for design of such pumps. These pumps are applicable in moving of such active metals

Card 1/2

L 01483-66

ACCESSION NR: AP5016657

m1 m1 as Al, Zn when the use of ferromagnetic core is not possible. Orig. art. has: 22 formulas, 5 figures.

2

ASSOCIATION: none

SUBMITTED: 03Dec64

ENCL: 00

SUB CODE: ME, EM

NO REF SOV: 002

OTHER: 000

4D
Card 2/2

ACC NR: AP6013473

(A)

SOURCE CODE: UR/0374/66/000/002/0245/0252

AUTHOR: Kalnin', N. N.; Karlivan, V. P.; Babre, Ye. Ya.; Shkestera, I. G.

ORG: Riga Polytechnic Institute (Rizhskiy politekhnicheskiy institut)

TITLE: Adhesion of filled polyethylene-base compositions to steel

SOURCE: Mekhanika polimerov, no. 2, 1966, 245-252

TOPIC TAGS: adhesion, adhesive bonding, polyethylene, filler, steel

ABSTRACT: The effect of a series of fillers on the adhesion of polyethylene to steel during direct thermal bonding of a monolithic polymeric adhesive to a steel substrate was studied. P-20-10-V high-pressure and P-4007 low-pressure polyethylene and St3 steel were employed. The fillers were ground kaolin, talc, quartz sand, graphite, and asbestos. The strength of the adhesive bond of filled compositions of both types of polyethylene was found to increase with rising filler content up to 8-10% by volume. The character of the rupture of adhesive bonds with increasing filler content changes from adhesive to mixed, then to cohesive. A further increase in filler content weakens the adhesion. The adhesion of filler compositions and of the pure polymer increases with the degree of purity and specific surface of the steel. It also increases with rising temperature and duration of the bonding process in the range from 130° to 280°C and from 6 to 300 min. The adhesion of filled compositions is always strong-

UDC: 678:01.58

Card 1/2

L 26143-56

ACC NR: AP6013473

er than that of the pure polymer. Orig. art. has: 6 figures, 5 tables.

SUB CODE: 11/ SUBM DATE: 06Oct65/ ORIG REF: 008/ OTH REF: 005

Card 2/2

SHKHAGOSHEV, Shota.

[Communists of the Kabardino-Balkar A.S.S.R. in the struggle to improve the material well-being and to raise cultural level of the workers, 1953-1960] Kommunisty Kabardino-Balkarii v bor'be za povyshenie material'nogo blagosostoiania i kul'turnogo urovnia trudiashchikhsia; 1953-1960 gg. Nal'chi, Kabardino-Balkarskoe knizhn. izd-vo, 1961. 111 p.

(MIRA 16:9)

(Kabardino-Balkar A.S.S.R.--Economic conditions)

L 16361-65 ESD(dp)/SSD/BSD/AFWL/ASD(a)-5/AFMD(p)/AFETR

ACCESSION NR: AT4045639

S/2943/64/000/002/0003/0021

AUTHOR: Takhvanov, G. I.; Shkhalakhov, Yu. Sh.

3+1

TITLE: On the construction of pulse models with a feedback

SOURCE: Seminar pometodam matematicheskogo modelirovaniya i teorii elektricheskikh tsepey. Matematicheskoye modelirovaniye i electricheskiye tsepi (Mathematical modeling and electrical circuits); trudy* seminara, no. 2, Kiev, Izd-vo Naukova dumka, 1964, 3-21

TOPIC TAGS: analog computer, digital computer, computing solving machines, electronic modeling, pulse, digital model synthesis, linear algebraic equation

ABSTRACT: The modern specialized instrumentation requires compensation arrangements which combine the speed of electronic analog systems with the high accuracy of the digital computers. In order to combine these characteristics it appears desirable to change from a "continuous" to pulse modeling. The present survey was presented in a seminar summarizing the new developments

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L*16361-65

ACCESSION NR: AT4045639

published in the Soviet and foreign literature. Orig. art. has: 12 figures

ASSOCIATION: None

SUBMITTED: 25Jan63

ENCL: 00

SUB CODE: DP, EC, MA

NO REF SOV: 006

OTHER: 002

Card 2/2

L 8509-65 BSD/AEDC(a)/AFETR/AFTC(a)/AFWL/RAEM(a)/ASD(a)-5/ESD(c)/ESD(dp)/
RAEM(t)

ACCESSION NR: AT4046528

S/2976/64/000/004/0170/0188

AUTHOR: Takhvanov, G. I.; Shkhalakhov, Yu. Sh.

TITLE: The problem of building pulse models with feedback *B*

SOURCE: Moscow. Vyssheye tekhnicheskoye uchilishche. Vyчислител'naya tekhnika,
no. 4, 1964, 170-188

TOPIC TAGS: simulation, electronic simulation, pulse model, feedback, control
computer, negative pulse feedback, digital integrator

ABSTRACT: The article reviews possible ways of improving electronic simulation
devices, proposes a technical means for constructing pulse models with feedback,
and cites examples to illustrate the use of this technique. The authors show why,
at least in the area of control computers, it is expedient to make a transition
from "constant-level" analog engineering, with its inherent accuracy limitations,
to pulse simulation engineering through the development of a complex of highly-
specialized pulse circuits and systems (adding, multiplying-dividing, integrating-
differentiating, functional devices, etc.), which will provide a direct realization
of the required functions without the need for converting the character of the
information from one type to another. The advantages which would flow from such a

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ACCESSION NR: AT4046528

transition are discussed. In their discussion of this transition from "continuous" simulation to pulse (time-pulse, number-pulse) simulation, the authors direct particular attention to the problem of direct methods of achieving negative pulse feedback, and to techniques for comparison and processing of time-interval durations, pulse-frequency trains, etc., without their conversion into any of the analog forms. The familiar method used in the construction of continuous models is then extended, by means of these techniques and equipment, to pulse models. Digital integrators with consecutive and parallel carry-over are analyzed, the principle of comparing the position of the pulses of the input and processed frequency trains in time, rather than their quantitative comparison, is discussed, and the conditions for the realization of period comparison and the construction of an optimal servo system are outlined. The authors explain the value and the sign of the increment ΔN , which ensures the existence of negative feedback in a closed "storage counter - control circuit - reserve counter" system. A structural diagram of a pulse-frequency servo system with optimum transient characteristics is presented and analyzed. The examples proposed, which illustrate the possible use of the system described in the paper, relate to the field of mathematical simulation, with the system output in the form of a digital binary code. Differences in the pulse-frequency and pulse-time form of representation of physical values are also discussed. In their estimation of the actually attainable accuracy levels

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of computers built on the principles outlined in the paper, the authors state that these accuracy levels are determined wholly and exclusively by the values of the errors in transformation, in view of the fact that instrumentation (set) errors can be reduced to the required minimum through the choice of the proper bit-rate or place number for registers and dividers. The servo mechanisms considered in the article can be produced, it is claimed, through the use of the electronic, semiconductor or ferrite elements available to modern pulse engineering. Orig. art. has: 12 figures and 28 formulae.

ASSOCIATION: Moskovskoye vysšeye tekhnicheskoye učilištche (Moscow School of Higher Technical Education)

SUBMITTED: 00

ENCL: 00

SUB CODE: DP, IE

NO REF Sov: 006

OTHER: 002

Card 3/3

LEYSHMAN, M.B.; BALASHOV, M.Ye.; AFANAS'YEV, A.S.; MIKHELEV, V.M.;
TAKHVANOV, G.I.; SHKHALAKHOV, Yu.Sh.; SANNIKOV, Yu.I.; SLAVIN, A.A.;
BEYRAKH, Z.Ye.; KAPLINSKIY, B.I.; ORLOV, O.A.; PEVZNER, V.V.;
VALOV, O.V.; KIREYEV, V.V.

Inventions. Avtom. i prib. no.3:76-77 J1-S '64.
(MIRA 18:3)

27/290
Shkhinek, E.K.
S/205/62/002/001/001/01C
D268/D302

AUTHOR:

Shkhinek, E.K.

TITLE: The effect of overall x-ray irradiation on the cholesterol content of the blood serum in rabbit and dog

PERIODICAL: Radiobiologiya, v. 2, no. 1, 1962, 17 - 21

TEXT: Changes were studied in the cholesterol content of blood serum of male rabbits (weight 2.4 - 3.5 kg) and male mongrel dogs (12 - 21 kg) irradiated at dose rate ca. 15 r/min. for rabbits and 12 r./min. for dog, as well as the effect of introducing of β -sitosterol on cholesterol reaction and the duration of radium sickness. Total x-ray doses were 1,000 and 1,200 r for 13 and 11 rabbits and 600 and 700 r for 8 and 2 dogs respectively. 11 rabbits and 8 dogs were given β -sitosterol in food at 0.5 g/kg for 2 weeks preceding irradiation at 1,000 and 600 r/min. respectively, and some subsequently. Cholesterol content was assessed 3-4 times before irradiation, and 24 hrs., 3, 7, 10, 14, 21 and 28 days after, and in the case of the dog on the 30, 35, 40 and 45th day. Results showed an

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S/205/62/002/001/001/010
D268/D502

The effect of overall x-ray ...

average increase in serum cholesterol in the rabbit 24 hrs. after irradiation to 118.4 ± 14.5 as against the normal 49.3 ± 3.06 mg %. In some animals the increase was 3 - 4-fold. At 1,200 r the average increase was 146 ± 3.7 mg %. Blood serum from rabbits with pronounced hypercholesterolemia at 24 hours was milk-white. These changes in serum cholesterol appear to be an early reaction of the irradiated organism. Moreover, at the time of maximum leukocyte decline and maximum clinical sickness in animals subsequently surviving, there was a marked fall in the cholesterol content followed by recovery at a quicker rate than leukocyte changes: At the 3 - 7th day 1) In 16 rabbits which survived serum cholesterol declined, regaining normal level at the 14th day; and 2) In 8 rabbits which died, though there was a decline, plasma cholesterol remained at a higher level than normal. The general condition deteriorated, leukopenia developed, and there was a sharp fall in weight. β -sitosterol given to rabbits before and after irradiation did not cause marked decline in cholesterol content or noticeable change the course of the cholesterol reaction after irradiation or the clinical course of radiation sickness. A sharp increase in serum cholesterol was noted

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3/205/62/002/001/001/016
D268/D302

The effect of overall x-ray ...

at 2-7 days preceding death, accompanied by a sharp drop in the leukocyte and erythrocyte count in the peripheral blood, erythrocyte sedimentation rate increased, and the general condition declined. As in the rabbit, therefore, an increase in serum cholesterol was one of the indications of severe radiation sickness. β -sitosterol was equally ineffective. The most significant result was the increase in cholesterol content in the blood serum in rabbit at 24 hours after irradiation, but not in dog. At the same time, according to L.V. Orlova and V.P. Rodionov, marked changes were noted in rabbit according to the author and to A.B. Vinogradskiy increased cholesterol content in rabbit. It is therefore suggested that the adrenal cortical hormones in rabbit play a specific role in initiating the early cholesterol reaction. According to Orlova and Rodionov no significant change in the character of the adrenal cortical secretion was observed in dog in the first days after irradiation, which account for the absence of hypercholesterolemia. The sharp increase in cholesterol content noted in the dog and some rabbits a few days before death is connected with more complicated mechanisms, since

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The effect of overall x-ray ...

S/205/62/002/001/001/010
D268/D302

at this stage the functions of many organs are disrupted. According to I.I. Ivanov disruption of the lipid metabolism following irradiation was connected with the initial disruption of the carbohydrate metabolism. There are 4 figures and 29 references: 8 Soviet-bloc and 21 non-Soviet-bloc. The 4 most recent references to the English language publications read as follows: M. Best, and C. Duncan, J. Nutr., 5, 169, 1958; N. di Luzio and K. Simon, Radiation Res., 7, 79, 1957; J.S. Hewitt and T.L. Hayes, Amer. Physiol., 185, 157, 1956; L. Milch and J. Stinson, Radiation Res., 4, 521, 1956.

ASSOCIATION: Institut eksperimental'noy Meditsiny AMN SSSR, Leningrad (Institute for Experimental Medicine, AMS USSR, Leningrad)

SUBMITTED: March 25, 1961

Card 4/4

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SIBERIAN, Ye.K.

Effect of total ¹³⁷Cs-ray irradiation on the content of cholesterol
in the blood serum of rabbits and dogs. Radiobiologia 4 no. 8
1961 Ja '61 (KIRA 1831)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHKHIRATTI, M.

Mechanical device for stacking tile on racks. Sil'. bud. 11
no. 9:20 S '61. (MIRA 14:11)

1. Direktor Khusts'kogo tsegelechno-cherepichnogo zavodu.
(Khust'-Tiles)

PAKHALOK, I.F., inzh.; SHKIREV, V.T., inzh.

Great attention to the construction of coal preparation plants.
Shakht. stroi. 6 no.10:1-3 O '62. (MIRA 15:9)

1. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta Ministrov
SSSR.
(Coal preparation plants)

... , A.

26320

Sodor kavkazskikh pryedstavi tyelisy ova soncicus. L. Zaryetki po sistematike i
geografii rastenii (Akad. nauk gruz, SSSR, In - f. botaniki). Syp. 15, 1949, S.61 - 71 -
Ryezmyuye na ruz. fiz. - bibliogr: 9 Nazv z. zoologiya

So: Letovis №. Ph

SHKHIYAN, A.S.

New species of the genus *Ulmus* L. from eastern Georgia. Zam.
po sist.i geog.rast. no.17:78-83 '53. (MLRA 8:9)
(Georgia--Elm)

SHKHIYAH, A.S.

New species of Caucasian flora. Zam.po sist.i geog.rast.
no.17:112-118 '53. (MLRA 8:9)
(Caucasus--Grape hyacinths) (Caucasus--Scabious)

SEKHURIAN, A. S.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Name	Title of Work	Nominated by
Kapeller, I. A.	"Flora of Georgia"	Institute of Botany
Kemulariya-Makarashvili, L. I.	(Vols I-VIII)	Academy of Sciences
Ketskhoveli, L. N.		Georgian SSR
Kutateladze, S. I.		
Makashvili, A. K.		
Mindenava, A. P.		
Sakhakia, M. F.		
Sosnovskiy, I. I.		
Ter-Khachaturova, S. Ya.		
Xharadze, A. I.		
Shkhiyan, A. S.		

SO: W-30604, 7 July 1954

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHIYAN, A.S.

The genus Scabiosa L. in Caucasus. Trudy Tbil. bot. inst. 18:3-68
'56. (MLRA 10:4)
(Caucasus--Scabiosa)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKLYAN, A.S.

Note on the genus *Cephalorhynchus* Boiss. Lam. pp 816, 1 geog.
part. no. 23:95-101 '63. (MIRA 17:12)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

L 8128-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5025020 SOURCE CODE: UR/0286/65/000/016/0080/0080
44.55 44.55 44.55

AUTHORS: Muromova, R. S.; Pletneva, I. D.; Demidova, T. V.; Yegorov, Yu. A.; Pervukhina, I. V.; Shkhiyants, I. V.

ORG: none

TITLE: Method for obtaining polyamides. Class 39, No. 173929 [announced by State Scientific Research and Development Institute of the Nitrogen Industry and Products of Organic Synthesis (Gosudarstvenny nauchno-issledovatel'skiy proyektnyy institut azotnoy promyshlennosti produktov organicheskogo sinteza)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 80

TOPIC TAGS: polymer, polymerization, polyamide, aminocyclohexyl alkane acid, isomer

ABSTRACT: This Author Certificate presents a method for obtaining polyamides on the basis of amino-cyclohexylalkane acids. To increase the mechanical strength and stability of the polyamides and fibers derived from them, the cis-isomers of β - (3 -aminocyclohexyl) propionic and δ - (3 -aminocyclohexyl) butyric acids and their mixtures with other polyamide-forming compounds are used as starting materials.

SUB CODE: OC/ SUBM DATE: 22Apr63

UDC: 678.675

Card 1/1

PILETNEVA, I.D.; MUROMOVA, R.S.; PERVUKHINA, I.V.; SHKHIYANTS, I.V.

Synthesis of α -amino acid of the cyclohexane series. Part 2:
 β -(3-amino cyclohexyl)propionic and β -(3-amino cyclohexyl)
butyric acids. Zhur. org. khim. 1 no.11/1981-1983 N '65.
(MIRA 18,12)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
institut azotnoy promyshlennosti i produktov organicheskogo
sinteza. Submitted May 4, 1964.

PLATNEVA, I.D., MUROMOVA, R.S., SHKHIYANTS, I.V.

Synthesis of γ -3-(aminocyclohexyl) butyric acids. Zhur. VKhG
19 no. 5: 595-596 '65. (MIR: 18:11)

R. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy
Institut azotnoy promyshlennosti i produksov organicheskogo
sintezza.

PROCESSES AND PROPERTIES INDEX

22

Ch

New methods of converting acid sludges. K. P. Likhushin and S. Kh. Shkhiyan. *Izvrezhodshchische Neftegazovye Khoyayil'sto* 1933, No. 6-7, 9-19.—Acid sludge from various oils was treated with closed steam at 110°. Up to 81.2% of the acid in the sludge could be sept., provided that the sludge originated from light oils. Sludge from heavier oils was difficult to treat, and the recovery of H₂SO₄ dropped to 19.28%. The acid so septd. had a strength of 60-65%, calcd. as the monohydrate.

A. A. Bochlinik

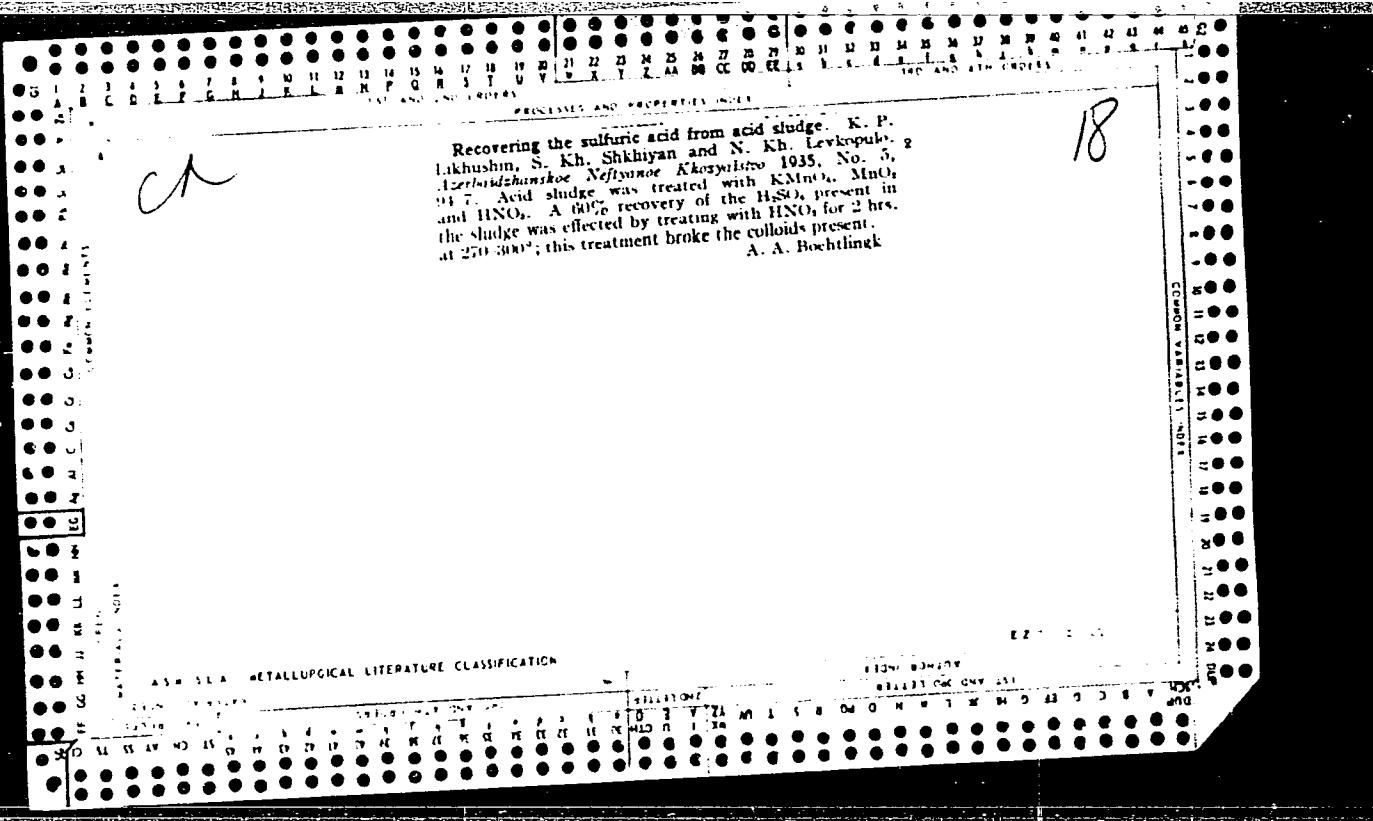
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Ch

22

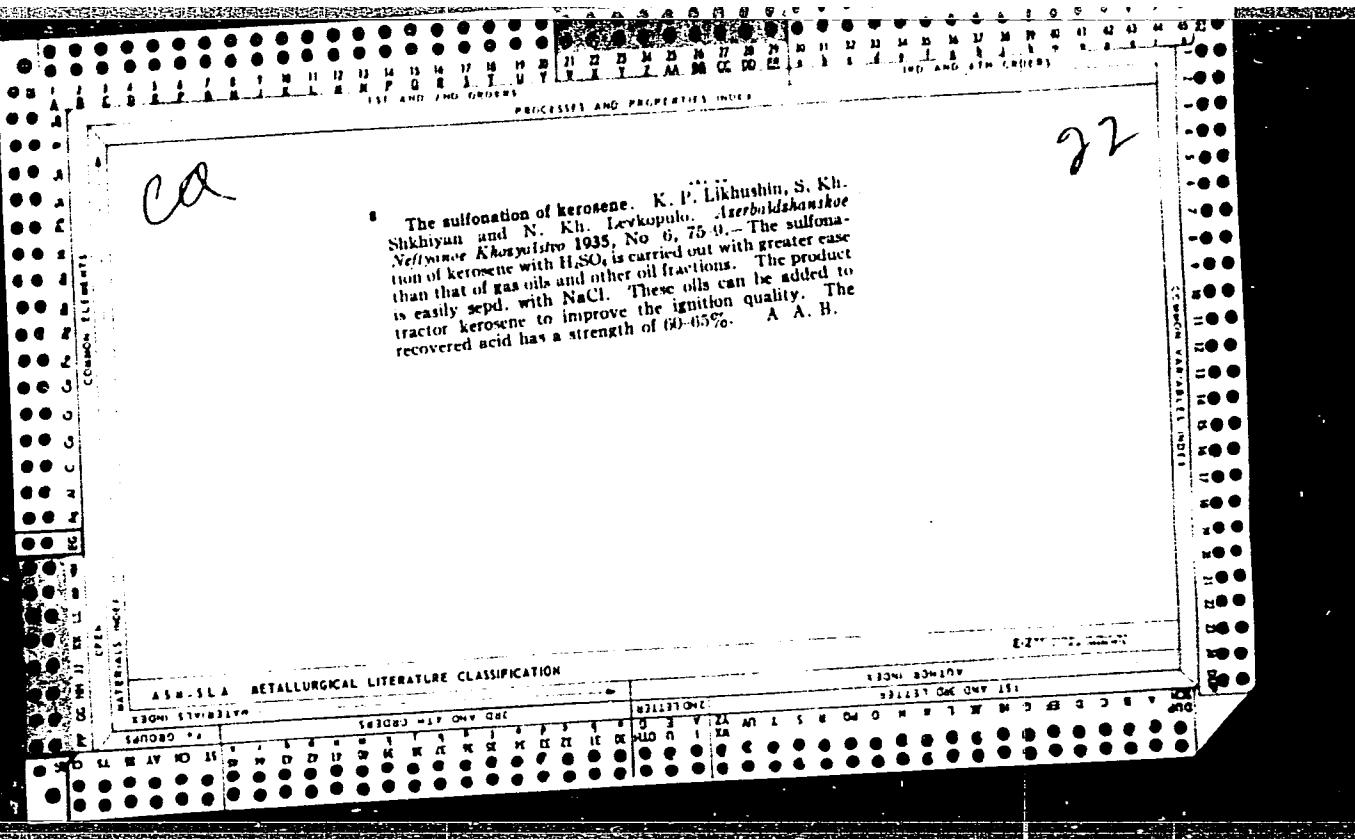
Utilization of acid sludge from bright-stock plants.
K. P. Likhushin and S. Kh. Shkhiyan. *Azerbaidzhanskaya Nefteyarshe Khozyaistvo* 1933, No. 9, 57-62.—The bright stock is treated at 70° with 0.05% "kontakt" (mineral oil sulfonic acids) and the first portion of H_2SO_4 (2%) is added, with a 20-min. settling period. The second portion of kontakt (0.2%) and acid (10%) is then introduced, the product is left to settle and the acid sludge is discharged. The operations are accompanied by agitation. The regeneration of the acid sludge is carried out by introducing water (30-50% on the acid sludge) at 80-90° and agitating with live steam. Finally, gas oil is added and the mixt. is agitated for 4-5 hrs. with live steam. The fuel oil obtained is characterized by its uniformity and the absence of sediments, while the bright stock obtained is of the usual quality. A. A. B.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



The sulfonation of kerosene. K. P. Likhushin, S. Kh. Shkhiyan and N. Kh. Levkopulo. *Zerkalo Akademika Neftegaz Khosyutstva* 1935, No. 6, 75-9. — The sulfonation of kerosene with H_2SO_4 is carried out with greater ease than that of gas oil and other oil fractions. The product is easily sepd. with NaCl. These oils can be added to tractor kerosene to improve the ignition quality. The recovered acid has a strength of 60-65%. A. A. B.

72



SHKHIYAN, S.Kh., redaktor; GOLOMSHTOK, I.S.,redaktor; KLEYMENNOVA, K.F.,
vedushchiy redaktor; SHIKIN, S.T.,tekhnicheskii redaktor

[Chemical composition and performance characteristics of lubricating
oils; proceedings of a conference] Khimicheskii sostav i
ekspluatatsionnye svoistva smazochnykh masel; trudy
soveshchaniia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-
toplivnoi lit-ry, 1957. 180 p. (MLRA 10:5)

1. Russia (1923- U.S.S.R.) Ministerstvo neftyanyoy promyshlennosti.
Tekhnicheskii sovet.
(Lubrication and lubricants)

CHERNOZHUKOV, N.I., doktor tekhn. nauk, prof., nauchnyy red.;
ZHERDEVA, L.G., red.; IVANOVA, L.V., red.; ISAGULYANTS, V.I.,
red.; ISMAILOV, R.G., red.; KREYN, S.E., red.; KULIYEV, A.M.,
red.; MAMEDOV, M.A., red.; PAPOK, K.K., red.; SPENTOR, Sh.Sh.,
red.; FEDOTOVA, A.F., red.; SHKHIYAN, S.Kh., red.; LEVINA,
Ye.S., ved. red.; POLOSINA, A.S., tekhn. red.

[Improvement of the quality and the production of lubricating
oils] Uluchshenie kachestva i sovershenstvovanie proizvodstva
smazochnykh masel; trudy. Moskva, Gostoptekhizdat, 1963. 255 p.
(MIRA 16:6)

1. Vsesoyuznoye soveshchaniye po uluchsheniyu kachestva bakin-
skikh smazochnykh masel i usovershenstvovaniyu tekhnologii ikh
proizvodstva, Baku, 1961.

(Lubrication and lubricants)

SHKHIYANTS, I. V.

L-POD86-65 EPP(c)/EPR/EPA(e)-2/EAP(j)/EMT(z)/T Pe-4/Pr-4/Ps-4/Pt-10/Pa-4/Pb-4
RPL/AND RQ/WI/MIL
ACCESSION NR: AT5002132

S/0000/64/000/000/0220/0225

AUTHOR: Muromova, R. S.; Pletneva, I. D.; Afanas'yeva, I. A.; Demidova, T. V.; Pervukhina, I. V. Shkhiyants, I. V.; Shil'nikova, I. N.

TITLE: Synthesis of amino acids of the hexane series and of polyamides based on such acids

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Sintez i svoystva monomerov (The synthesis and properties of monomers). Moscow, Izd-vo Nauka, 1964, 220-225

TOPIC TAGS: amino acid, polyamide, Nylon, thermal stability

ABSTRACT: New amino acids have been prepared and converted to new polyamides with high thermal stability. Table 1 of the Enclosure lists the amino acid monomers and the melting points of the monomers and polymers (all the monomers except the (4-aminocyclohexyl acetic acids are new). Fig. 1 of the Enclosure shows a typical thermomechanical curve. Polycondensation was carried out in sealed ampuls under

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L 20684-65

ACCESSION NR: AT5002132

nitrogen at 200—320C. The polyamides from the trans monomers were insoluble in the solvents common for polyamides, and were soluble only in concentrated H₂SO₄. The polyamides from the CIS monomers were soluble in the common polyamide-solvents. Fusible high-thermal-stability copolymers were prepared from the new amino acids and ϵ -caprolactam or ζ -aminobenzoic acid. The copolymers melted at temperatures of up to 450C and were soluble both in H₂SO₄ and in cresol. Orig. art. has: 5 formulas, 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 30Jul64

ENCL: 02

SUB CODE: OC, GC

NO REF SOV: 004

OTHER: 007

ATD PRESS; 3165

Card 2/4

L 20684-65
ACCESSION NR: AT5002132

ENCLOSURE 01

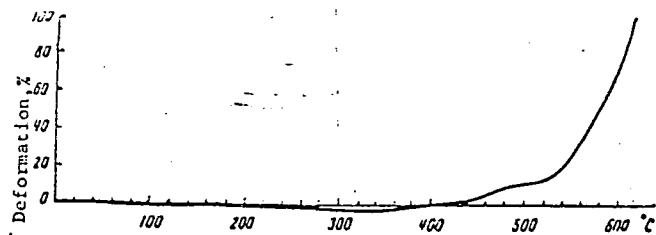


Fig. 1. Thermomechanical curve for the polyamide from trans-4-aminocyclohexylacetic acid

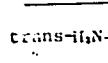
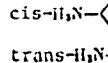
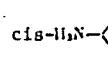
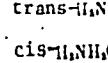
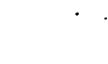
Card 3/4

L 20684-65

ACCESSION NR: AT5002132

ENCLOSURE 02 O

Table 1. Properties of polyamides from α,ω -amino acids with cyclohexane

Amino acid	M.P., C		sp
	monomer	polyamide	
trans-ii,N-  -CH ₂ COOH	330	516	0,43
cis-ii,N-  -CH ₂ COOH	290	385	0,50
trans-ii,N-  -CH ₂ -CH ₂ -COOH	292	400	0,67
cis-ii,N-  -CH ₂ -CH ₂ -COOH	253	260	0,78
trans-ii,NH,C-  -CH ₂ COOH	257-259	423-428	0,15
cis-ii,NH,C-  -CH ₂ COOH	120	-	-

Card 4/4

MUROMOVA, R.S. PIETROVA, T.D.; DEMIDOVA, T.V.; SHKHIYANTS, I.V.; TOKAREVA,
G.A.

Synthesis and polycondensation of cis- and trans-isomers of γ^2 (3-
aminocyclohexyl) butyric acid. Vysokom. soed. 7 no.8:1354-1358 Ag
'65. (MIRA 18:9)

I. Gosudarstvennyy nauchno-issledovatel'skiy proyektnyy institut
azotnoy promyshlennosti i produkrov organicheskogo sinteza.

SHKHOBALOVA, N.P.

Acquisition of immunity to gapes in convalescent chicks. Trudy
Gel'm.lab. 8:248-258 '56. (MLRA 9:8)
(Cestoda) (Parasites--Poultry) (Poultry--Diseases and pests)

KHOKHLOV, I.M.; SHKHVATSABAYA, G., prof., red.; YAMANIDZE, Sh., tekhred.

[Use of machinery in mountain farming] Ekspluatatsiia mashin
v gornom zemledelii. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo,
1958. 419 p. (MIRA 12:9)

1. Zaveduyushchiy kafedroy mekhanizatsii sel'skokhozyaystvennogo
proizvodstva Gruzinskogo sel'skokhozyaystvennogo instituta;
chlen-korrespondent Akademii nauk Gruzinskoy SSSR (for Shkhvatsa-
baya).

(Agricultural machinery)

SHEHVATSABAYA, G.Ya., prof.

Trailer for power testing. Mekh. i elek. sots. sel'khoz, 15 no.1:
45-47 '58. (MIBA 11:3)

1. Gruzinskiy sel'skokhozyaystvennyy institut,
(Tractors--Testing) (Agricultural machinery--Testing)

ANANIASHVILI, G.D.; BUDZKO, I.A.; BURGUCHEV, S.A.; VACHEYSHVILI, S.Ya.;
KURDIANI, I.S.; LISTOV, P.N.; METREVELI, B.I.; SAZONOV, N.A.;
SARKISYAN, A.M.; SHKHVATSABAYA, G.Ya.; EBIN, L.Ye.

E.M.Rukhvadze. Mekh.i elek.sots.sel'khoz. 17 no.6:59 '59.
(MIRA 13:4)
(Rukhvadze, Egor Mikhailovich, 1914-1959)

SHKHVATSABAYA, G. ¹⁴ akademik

Theory, practice, life. NTO 2 no.4:38-39 Ap '60.
(MIRA 13:6)

1. Vitse-prezident Akademii sel'skokhozyaystvennykh nauk
GruzSSR.
(Georgia--Agricultural research)

KHANTADZE, Z.A.; SHKHVATSABAYA, G.Ya., red.

[Traction force of plows and its most advantageous direction]
Sila tiagi plugov i ee naivygodneishee napravlenie. Tbilisi,
Izd-vo Gruzinskogo sel'khoz. in-ta, 1960. 206 p.

(MIRA 15:7)

(Plows)

The effect of some neurotropic substances upon the development of experimental atherosclerosis. I. K. Slikhvatshaya (Inst. Therapy, Moscow). *Byull. Eksp. Biol. i Med.* 41, No. 4, 30-42 (1956).—Four groups of rabbits were fed cholesterol for a prolonged period. The first 3 groups received, resp., in addn. caffeine, chloral hydrate and barbamil. The 4th group served as control. The cholesterol level of all the 4 groups was determined repeatedly during 15-18 days. The cholesterol level of the control group ranged from 450 to over 900 mg./100 cc. Atherosclerosis was pronounced. In the caffeine group a slight decrease of cholesterol and blood pressure was noted. Lipide infiltration of the blood vessels was not as massive and diffuse as in the control group. In the chloral hydrate group the cholesterol level was within 250-300 mg./100 cc., blood pressure was down moderately and did not fluctuate as in the first two groups. Most pronounced was the effect of barbamil. Cholesterolemia was low and in some cases reached 60-75 mg./100 cc., a normal level for rabbits, the blood pressure dropped moderately and there were no changes in the aorta. The study of the time factor in the administration of this drug at 1, 2 and 3 hrs. after injection showed that the lowest cholesterol level was reached after 2 hrs. in the case of animals which had a very high hypercholesterolemia. The effect was much less pronounced in moderate hypercholesterolemia and in isolated cases even caused a slight increase. A. S. Mirkin

SHKHVAT SABAYA, I.K.

Mia
The effect of some neurotropic substances upon the development of experimental atherosclerosis. I. K. Shkhvatsabaya. *Bull. Exptl. Biol. and Med. (U.S.S.R.)* 41, 322-6 (1950) (English translation).—See C.A. 50, 14918g.
B.M.R.

SHKHVATSABAYA, I. K., Cand Med Sci -- (diss) "Effect~~s~~ of certain neurotropic preparations upon the development of experimental atherosclerosis." Mos, 1958. 19 pp (Acad Med Sci USSR), 200 copies (KL, 35-58, 110)

-63-

SHKHVATSABAYA, I.K.

Problems of bitaminology in the clinical treatment of internal
diseases. Vest.AMN. SSSR 13 no.11:92-96 '58 (MIRA 11:12)
(VITAMINS)

17(

SOV/25-59-9-41/49

AUTHOR: Shkhyatsabaya, I.K., Candidate of Medical Sciences,
Scientific Worker

TITLE: Atherosclerosis

PERIODICAL: Nauka i zhizn', 1959, Nr 9, pp 77 - 78 (USSR)

ABSTRACT: In answer to a reader's question, the author gives
general well-known data on atherosclerosis.

ASSOCIATION: Institut terapii Akademii meditsinskikh nauk SSSR
(Institute for Therapy of the AMS USSR)

Card 1/1

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHVATSABAYA, I.K., kand.med.nauk

First All-Russian Congress of Therapeutics. Vest.AMN SSSR 14
no.4:83-91 '59. (MIRA 14:5)
(THERAPEUTICS--CONGRESSES)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHKHVATSABAYA, I.K., kand.med.nauk

Attempt at experimental reproduction of cardiac lesions by
means of action exerted on the nervous system. Kardiologija 1
no.3:18-29 My-je '61. (MIRA 15:3)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy
chlen AMN SSSR prof. A.L. Myasnikov).
(HEART--DISEASES) (NERVOUS SYSTEM)

SHKHVATSABAYA, I.K., kand.med.anuk (Moskva)

Visit of Soviet physicians in the Congo. Fel'd. i akush. 26 no.4:
50-56 Ap '61. (MIRA 14:3)
(CONGO--MEDICAL CARE)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHVATSABAYA, I.K.

Urgent problems in cardiovascular pathology. 12th Scientific Session
of the Institute of Therapy of the Academy of Medical Sciences of the
U.S.S.R. Vest. AMN SSSR 16 no.6:82-87 '61. (MLA 15:1)
(CARDIOVASCULAR SYSTEM DISEASES)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

MYASNIKOV, A.L., prof.; SHKHVATSABAYA, I.K., kand.med.nauk

Nervous system and arteriosclerosis. Zdorov'e 7 no.12:16-17 D '61.
(MIRA 14:12)

1. Detstvitel'nyy chlen AMN SSSR (for Myasnikov).
(ARTERIOSCLEROSIS) (NERVOUS SYSTEM--DISEASES)

SHKHVATSABAYA, I. K.

"Experimetnal inducement of lesions of the myocardium
by disturbing the central nervous system."

Paper presented at the 7th International Congress on Internal
Medicine, Munich, Germany, 5-8 Sep '62

18 MAY 1972, Leningrad, U.S.S.R.

Importance of extramedullary in the pathogenesis of neurogenic myelopathy changes. Results of 2 cases. No. 127-30 N-0162,
(X-PA 1748)

L. I. Instituta lechniki AN SSSR i gospital'noy terapevicheskoy kliniki Poskovskogo otdela Leningradskogo instituta imeni Iosifova (dr. - akademicheskyy chлен AN SSSR prof. A. A. Myasnikov).

SHKHVATSABAYA, I.K.

Experimental reproduction of myocardial lesions due to
affection of the central nervous system. By Inst. kardi.
i eksper. kard. AN Gruz. SSR 8:411-415 1970. (KTRA 17#7)

I. Institut terapii AMN SSSR, Moskva.

SHKHVATSABAYA, I.K. (Moskva)

Atherosclerosis and thrombosis; materials of the 14th Annual
Scientific Session of the Institute of Therapy of the Academy
of Medical Science of the U.S.S.R. Kardiologija 5 no.2:91-95
'63 (MIRA 17:2)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHERVATSABAYA, I.K. (Moskva)

Experimental reproduction of cardiac rhythm disorders during
action on the central nervous system. Put. fiziol. i eksp.
terap. 7 no.63(5-49 N.D '63). (MIRA 17:7)

1. Iz Instituta nemcii (direktor - deystvitel'nyy chlen
AMN SSSR prof. A.I. Myasnikov) AMN SSSR.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHKHVATSABAYA, I.K., kand.med.nauk

Prevention and treatment of atherosclerosis. Fel'd. i akush.
28 no.5:15-19 My'63. (MIRA 16:7)

1. Iz Instituta terapii AMN SSSR.
(ARTERIOSCLEROSIS)

RATNER, N.A., prof.; PUSHKAR', Yu.T., st. nauchn. sotr.;
SEKHVAT'SABAYA, I.K., st. nauchn. sotr.; ZYSKO, A.P., kand.
med. nauk; VOSKANOV, M.A., kand. med. nauk; MYASNIKOV,
A.L., prof., red.; CHAZOV, Ye.I., doktor med. nauk, red.;
METELITSA, V.I., red.

[Hypertension and atherosclerosis of the coronary arteries;
methodological instructions on diagnosis, treatment and
prevention] Gipertonicheskaiia bolezni i ateroskleroz koro-
narnykh arterii: metodicheskie ukazaniia po diagnostike, le-
cheniiu i profilaktike. Moscow, 1964. 176 p.

(MIRA 18:5)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut te-
rapii. 2. Deystvitel'nyy chlen AN SSSR (for Myasnikov).

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHVATSABAYA, K.Ya., prof.

"Kazanskii meditsinskii zhurnal," 1957, no.1. Reviewed by K.IA.
Shkhvatsabaya. Zdrav.Ros.Feder. 2 no.2:32-34 F '58. (MIRA 11:3)
(MEDICINE--PERIODICALS)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHEVATSABAYA, K.Ya., prof.

Conference of therapeutists in Novosibirsk. Zdrav.Ros.Feder.
2 no.7:47 Jl '58 (MIRA 11:7)
(SIBERIA--MEDICINE--CONGRESSES)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHVATSAVA YA, K.Ya., prof.

First All-Russiaian Congress of Therapeutists. Zdrav. Ros. Feder. 3
no.4:42-46 Ap '59. (MIRA 12:4)
(THERAPEUTICS--CONGRESSES)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

Summary of thesis:

"Clinical Data on the Specific Treatment of Typhus." Thesis for degree of Cand. Medical Sci. (Dr. Med.) Jun 50, Moscow Medical Inst. Ministry of Health RSFSR.

Summary #1, h. Soc. #2. Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernaya Moskva. Jan-Dec. 1950.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHVATSABAYA, T.V., dotsent (Moskva)

Therapy of typhus. Fel'd. i akush. no. 9:5-7 S '54. (MLRA 7:11)
(TYPHUS, therapy)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHKHVATSABAYA, T.V.

USSR/Morphology of Man and Animals (Normal and Pathologic).
Digestive System.

S-2

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17006

Author : Shkhvatsabaya, T.V., Pokrovskiy, V.I.

Inst :

Title : A Case of Thyrotoxic Liver Cirrhosis.

Orig Pub : Probl. endokrinol. i gormonoterapii, 1957, 3, No 3, 104-106.

Abstract : No abstract.

*Other Endocrine Diseases - 1st Moscow
Med. Inst. in M. Sechenov*

Card 1/1

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHEKHVAT SABAYA, T.V.

SEDOVETS, M.P.; SHEKHVAT SABAYA, T.V. (Moskva)

Clinical aspects and diagnosis of tuberculous bronchadenitis in
adolescents and adults. Fel'd. i akush. 22 no.8:8-11 Ag '57.
(LYMPHATICS--TUBERCULOSIS) (MIRA 10:12)
(BRONCHI--DISEASES)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

SHKHVATSABAYA, T.V., (Moskva)

Soviet public health in the struggle against communicable diseases.
Fol'd. i skush. 22 no.10:27-28 O '57. (MIRA 11:1)
(COMMUNICABLE DISEASES) (PUBLIC HEALTH)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

SHKHVATSABAYA, T.V., STARSHINOVA, V.S. (Moskva)

Drug toxicity. Fel'd. i akush. 23 no.12:3-7 D '58 (MIRA 11:12)
(DRUGS--PHYSIOLOGICAL EFFECT)

SHKHVATSABAYA, T.V. (Moskva)

"Diphtheria" by A. I. Titova. Reviewed by T. V. Shkhvatsabaya, Fel'd.
i akush 24 no. 2:59-60 Fe '59 (MIRA 12:3)
(DIPHTHERIA)
(TITOVA, A.I.)

BULKINA, I.G.; BUNIN, K.V., prof.; KUZNETSOV, V.S.; MIKHAYLOVA, Yu.M.; NOVAKOVSKAYA, A.A.; POKROVSKIY, V.I.; POLUMORDVINOVA, Ye.D.; SEDLOVETS, M.P.; STARSHINOVA, V.S.; TSEYDLER, S.A.; SHKHVATSABAYA, T.V.; YAKHONTOVA, N.K.; SHERESHEVSKAYA, Ye.F., red.; ZUYEVA, N.K., tekhn. red.

[Pocket manual for the specialist in infectious diseases; clinical aspects, diagnosis, and treatment] Karmannyi spravochnik infektsionista; klinika, diagnostika, lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 233 p. (MIRA 14:7)
(COMMUNICABLE DISEASES) (MEDICINE--HANDBOOKS, MANUALS, ETC.)

BULKINA, I.G.; BUNIN, R.V., Prof.; KUZNETSOV, V.S.; LIKHACHEVA,
Yu.E.; NOVAKOVSKAYA, A.A.; POKROVSKIY, V.I.; POLENOVADINNOVA,
Ye.D.; SEDLOVETS, M.P.; STARSHIKOVA, V.S.; TSEYDLER, S.A.;
SHKHVATSAKAYA, T.V.; YAKHONTOVA, N.K.; KARON, I.I., red.

[Concise manual for infectious disease specialists; clinical
aspects, diagnosis, treatment] Kratkiy spravochnik vracha-
infektsionista; klinika, diagnostika, lechenie. Izd.2., dr.
i ispr. Leningrad, Meditsina, 1965. 287 p. (MIRA 18:3)

I. Kafedra infektsionnykh bolezney 1-go Moskovskogo Meditsin-
skogo instituta im. I.N. Sechenova (for all except Karon).

SHIMMUS, KAYA, L.

Determination of the duration of the phases of the cardiac cycle
in athletes during muscular work. Kardiologiya 4 no. 6 1968 N.D.
142. (MIRA 18:8)

U. Latvijas sporta un spordinieku meditsīnī kafedrā lechebnoj fizkul'tury
L. vadošākākā kon'strukcija (zav. - prof. I.M.Sarkisov-Serazini [deceased])
RSFSR valīnegā Ķīmijas universitāta fizkul'tury, Moskva.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1

Shtvarts, A.B.A., Ya.K.

Phenomenon of the paradoxical shortening of the phase of blood propulsion from the left ventricle of the heart following the stoppage of muscular action. Soob, AN Cruz, SSS 34 no.2:473.
478 My '64. (MIRA 18.2)

I. laboratoriya vrachebnogo kontrolya Gosudarstvennogo tsentral'nogo otdela Lenina instituta fizicheskoy kul'tury, Moskva. Submitted September 25, 1965.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549620012-1"

HEBBARDT, A.I. [Hebbardt, O.H.]; SHKIDCHENKO, A.N. [Shkidchenko, O.M.]

Lysine acid mineralization by actinomycetes. Mikrobiol. zhur.
no.2:11-16 '64. (MFA 18:3)

I. Lvovskiy gosudarstvennyy universitet.

SOV/138-58-8-10/11

AUTHORS: Volonchunas, A. O; Shkikunas, V. and Mikisheva, A. P.

TITLE: Application of Designs on Rubber Boots (Nane seniye
risunka na tsvetnyye rezinovyye sapozhki)

PERIODICAL: Kauchuk i Rezina, 1958, Nr 8, p 36 (USSR)

ABSTRACT: Previous methods of applying designs by typographic
methods and special transfers are mentioned. The
authors used this latter method and applied the ad-
hesive "Nairit" on a 6% natural rubber solution and
subsequent vulcanisation. The colour of dyes change
slightly during vulcanisation. Satisfactory results
were obtained when the designs were applied on non-
vulcanised rubber with offset colours. After vulcani-
sation it is recommended to apply colourless lacquer
based on SKB rubber. There is 1 Picture.

ASSOCIATION: Kombinat "Inkaras" ("Inkaras" Combine)

Card 1/1

GORBARENKO, P.G., inzh.; SHKIL', A.D., inzh.; KRIVITSKIY, S.M., inzh.

Semiautomatic machine based on the horizontal milling machine for
rough-cutting bevel gear teeth. Mashinostroenie no.2:16-20 Mr-Ap
'62. (MIRA 15:4)

1. Khar'kovskiy stankozavod.
(Gear-cutting machines)

SHKIL', A.M.

Conductor for the tracheotomy tube. Zhur. ush., nos. i gorl. bol.
21 no. 5:83 S-0 '61. (MIA 15:1)

1. Iz kliniki bolezney ukha, gorla i nosa (ispolnyayushchiy obyazannosti
zaveduyushchego - dotsent D.Ye.Rozengauz) Khar'kovskogo meditsinskogo
instituta.

(TRACHEA SURGERY) (SURGICAL INSTRUMENTS AND APPARATUS)

SHKIL, A.M., assistent

Modification of an apparatus for determining the mobility. of the
stapes. Vest.otorin. no.6:89 '61. (MIRA 15:1)

I. Iz kliniki bolezney ukha, gorla i nosa (i.o. zav. - dotsent
D.Ye. Rozengauz) Khar'kovskogo meditsinskogo instituta.
(OTOLARYNGOLOGY--EQUIPMENT AND SUPPLIES)

SHKIL', A.M., assistant

Differential diagnosis between otosclerosis and neuritis of the acoustic nerve. Trudy Khar. med. inst. no.50:181-184 '62.
(MIRPA 19:1)

1. Kafedra bolezney u'cha, gorya i nosa (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent D.Ye.Rozengauz) Khar'-kovskogo meditsinskogo instituta.

L 18802-63

EWT(d)/FCC(w)/BDS AFFTC/IJP(C)

ACCESSION NR: AP3000279

S/0021/63/000/005/0572/0575

53
52AUTHOR: Shkil', M. I.

TITLE: Construction of an asymptotic solution of a system of linear differential equations with a small parameter (presented by Yu. O. My*tropol's'ky*y, member, AN URSR) 10:

SOURCE: AN UkSSR Dopovidi, no. 5, 1963, 572-575

TOPIC TAGS: characteristic equation, root, multiple root, external frequency, resonance case, matrix, series coefficient, algorithm

ABSTRACT: A system of linear differential equations with small parameter coefficients is taken. In former solutions of such equations, multiple roots of the characteristic equation were not considered. The author considers the case when roots of the characteristic equation are constant multiples over a finite segment and the external frequency is equal to one of multiple roots of the characteristic equation. This case is called a "resonance case". The author constructs a matrix of the equation and formulates a theorem to the effect that, when the particular matrix vector is not equal zero, then an

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asymptotic solution of the system is possible. Algorithms for construction of an asymptotic solution of such a system are given. This method is applicable to the determination of all coefficients of the series. Orig. art. has: 20 equations.

ASSOCIATION: Kyiv's'ky pedagogichnyy isn'ty*tut (Kiev Teachers Institute)

SUBMITTED: 10May62 DATE ACQ: 17Jun63 ENCL: 00

SUB CODE: MM NO REF Sov: 004 OTHER: 000

Card 2/2

SHKIL', N. I.: Master Phys-Math Sci (diss) -- "The problem of asymptotic representation of the solutions of a system of ordinary linear differential equations containing parameters". Kiev, 1958. 12 pp (Kiev State Ped Inst im A. M. Gor'kiy, Chair of Math Analysis and Geometry), 150 copies (KL, No 10, 1959, 123)

AUTHOR: Shkil', N.I.

SOV/21-58-2-2/28

. TITLE: On the Asymptotic Representation of Solutions of a System
of Ordinary Linear Differential Equations (K voprosu ob
asimptoticheskem predstavlenii resheniy sistemy obyknoven-
nykh lineynikh differentials'nykh uravneniy)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 2, pp 123-
127 (USSR)

ABSTRACT: The author considers the system of linear differential equations of the following form:

$$\frac{dx}{dt} = A(\tau, \varepsilon)x + \varepsilon B(\tau, \varepsilon)e^{i\theta}$$

where x is a 4-dimensional vector; $A(\tau, \varepsilon)$ is a real square matrix of the 4th order, and $B(\tau, \varepsilon)$ is a 4-dimensional vector. Its characteristic equation is as follows:

$$\det |A^*(\tau) - \lambda E| = 0$$

where E is a unitary matrix. The asymptotic representation of a solution of homogeneous differential equations has been discussed in the literature for the case when the roots of the characteristic equation are different or preserve their multiplicity in the segment $[0, L]$. The present paper

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